46'-10''

44'- 6''

23'- 5''

2'- 5"

1'- 6''

6'- 0''

5'- 9"

6'- 1''

6'- 4''

3'- 5''

7'- 5''

3'- 2''

6'- 6''

4'- 6''

4'- 5''

4'- 6''

= 2367 LBS

140 LIN. FT.

12.4 C.Y.

1.4 C.Y.

0.1 C.Y.

125

54

24

23

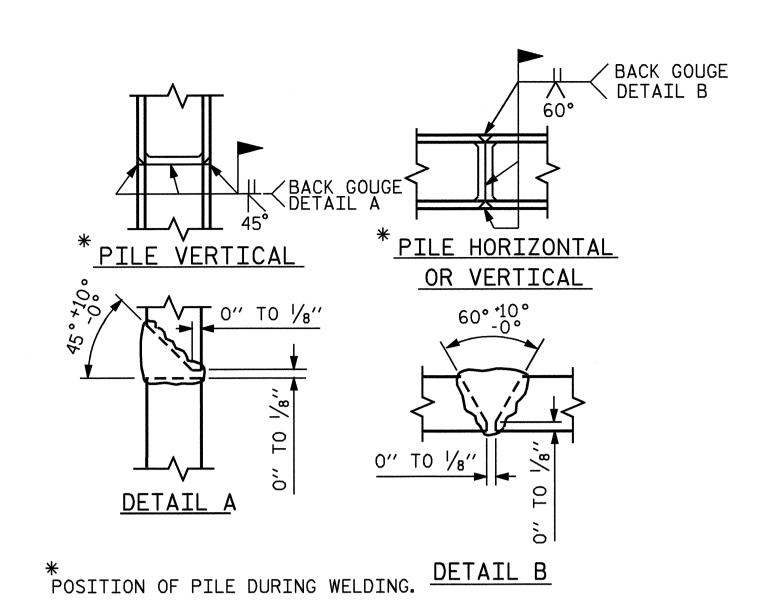
25

27

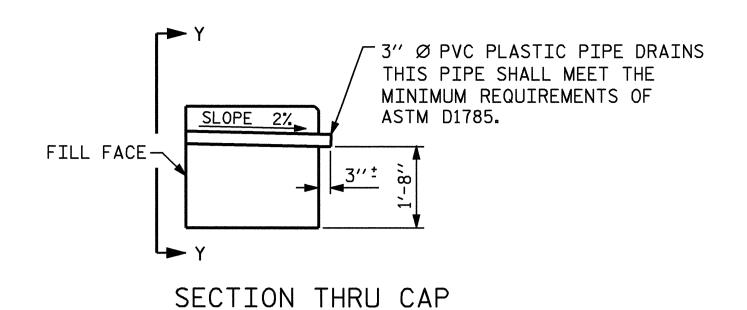
118

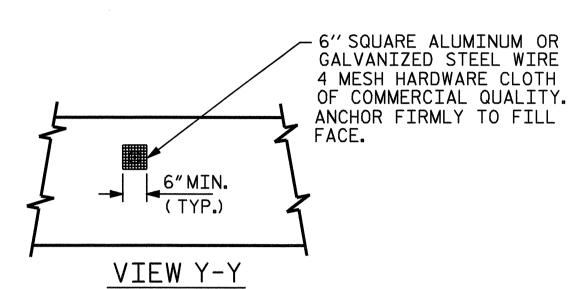
59

60



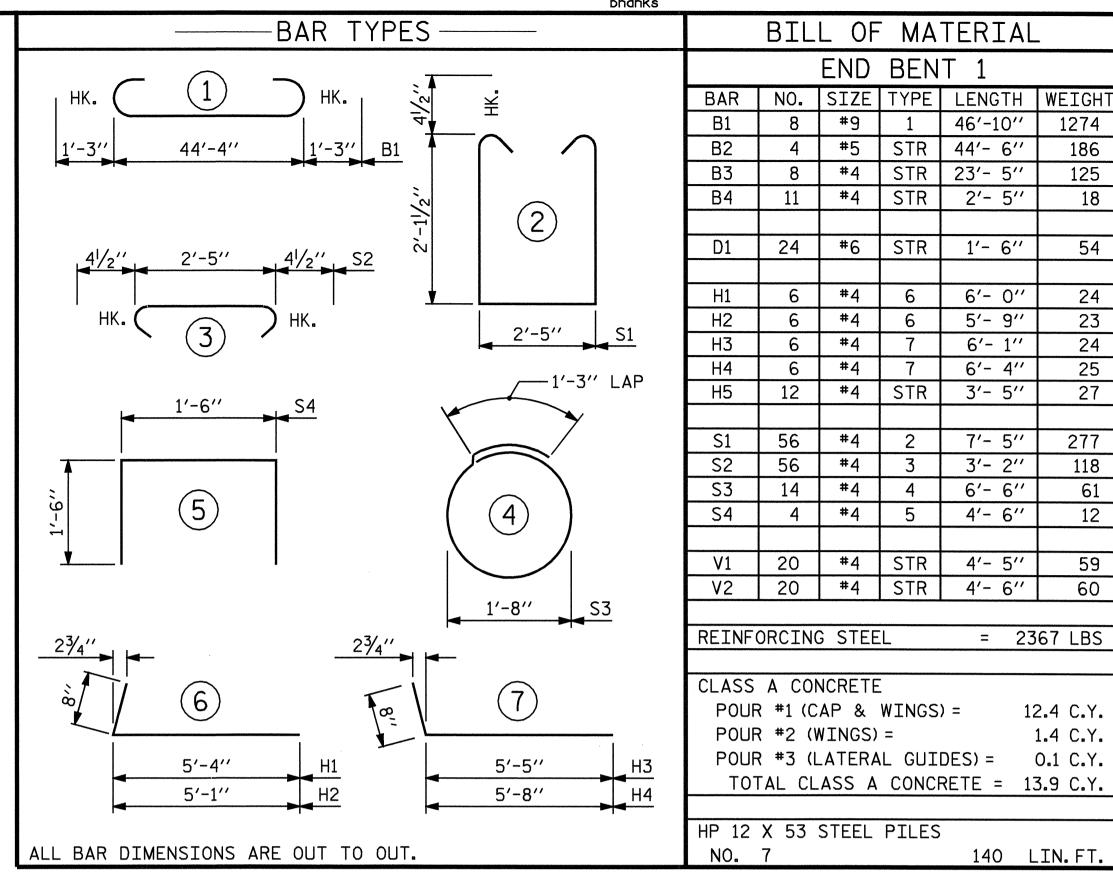
PILE SPLICE DETAILS

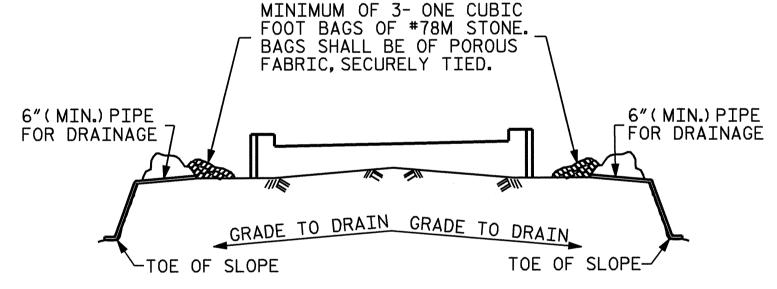




NOTE: NO SEPARATE PAYMENT WILL BE MADE FOR FURNISHING AND INSTALLING THE PVC PLASTIC PIPE DRAINS, HARDWARE CLOTH AND FASTENERS. THE ENTIRE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT CONTRACT PRICE BID FOR THE SEVERAL PAY ITEMS.

PIPE DRAIN DETAILS



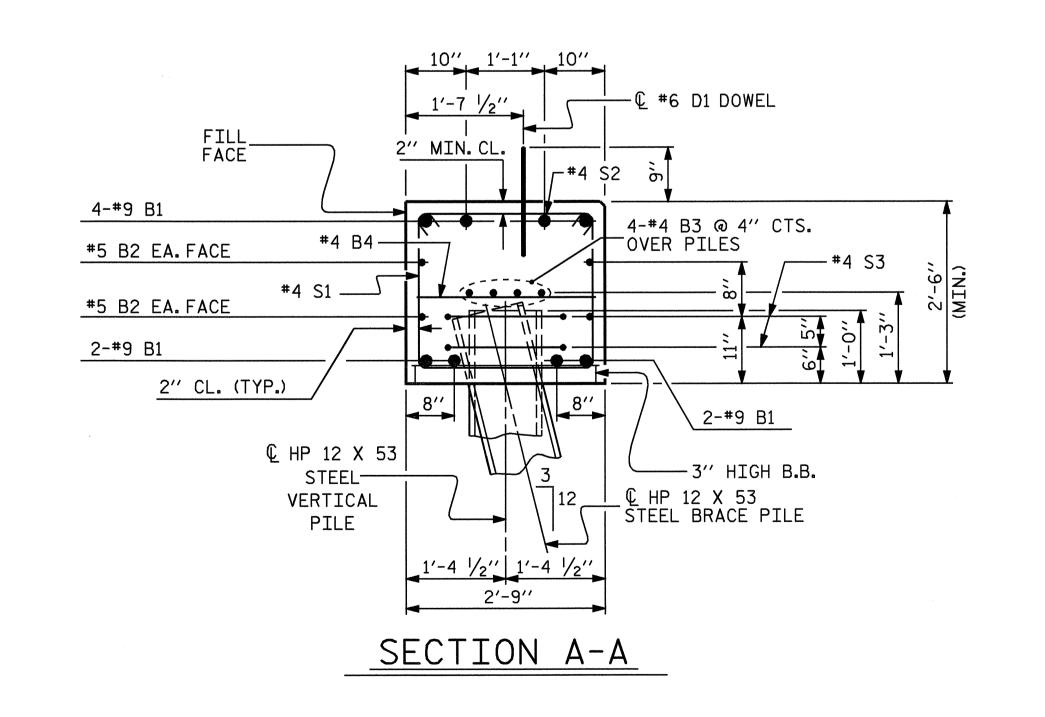


BAGGED STONE AND PIPE SHALL BE PLACED IMMEDIATELY AFTER COMPLETION OF END BENT EXCAVATION. PIPE MAY BE EITHER CONCRETE, CORRUGATED STEEL, CORRUGATED ALUMINUM ALLOY, OR CORRUGATED PLASTIC. PERFORATED PIPE WILL NOT BE ALLOWED.

BAGGED STONE SHALL REMAIN IN PLACE UNTIL THE ENGINEER DIRECTS THAT IT BE REMOVED. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF SILT ACCUMULATIONS AT BAGGED STONE WHEN SO DIRECTED BY THE ENGINEER. BAGS SHALL BE REMOVED AND REPLACED WHENEVER THE ENGINEER DETER-MINES THAT THEY HAVE DETERIORATED AND LOST THEIR EFFECTIVENESS.

NO SEPARATE PAYMENT WILL BE MADE FOR THIS WORK AND THE ENTIRE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT CONTRACT PRICE BID FOR THE SEVERAL PAY ITEMS.

TEMPORARY DRAINAGE AT END BENT



B-2963 PROJECT NO._ DURHAM COUNTY 29+92.50-L-STATION:

SHEET 3 OF 3

SEAL 23926

9/29/03

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

> SUBSTRUCTURE END BENT 1

REVISIONS SHEET NO. S-18 DATE: NO. BY: DATE: NO. BY: TOTAL SHEETS 32

DRAWN BY: William F. Parker DATE: 06/05/02 CHECKED BY : ____J. KHARVA DATE: 9/19/02